

Notice of Allowability

Application No.

09/558,077

Examiner

Liang-che Alex Wang

Applicant(s)

SCULLIN, WILL

Art Unit

2155

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to 04/28/2004.
2. ☒ The allowed claim(s) is/are 1-14.
3. ☒ The drawings filed on 25 April 2000 are accepted by the Examiner.
4. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
 - a) ☐ All b) ☐ Some* c) ☐ None of the:
 1. ☐ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

* Certified copies not received: _____.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.
THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.

5. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
 6. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
 - (a) ☐ including changes required by the Notice of Draftperson's Patent Drawing Review (PTO-948) attached
 - 1) ☐ hereto or 2) ☐ to Paper No./Mail Date _____.
 - (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date _____.
- Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
7. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

1. ☒ Notice of References Cited (PTO-892)
2. ☐ Notice of Draftperson's Patent Drawing Review (PTO-948)
3. ☐ Information Disclosure Statements (PTO-1449 or PTO/SB/08), Paper No./Mail Date _____
4. ☐ Examiner's Comment Regarding Requirement for Deposit of Biological Material
5. ☐ Notice of Informal Patent Application (PTO-152)
6. ☐ Interview Summary (PTO-413), Paper No./Mail Date _____
7. ☒ Examiner's Amendment/Comment
8. ☒ Examiner's Statement of Reasons for Allowance
9. ☐ Other _____


PATRICE WINDER
PRIMARY EXAMINER

B

EXAMINER'S AMENDMENT

1. An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the payment of the issue fee.
2. Authorization for this examiner's amendment was given in a telephone interview with Attorney Kory D. Christensen on 6/23/2004.
3. The application has been amended as follow: ✓
 - a. Please replace the claims with the attached Listing of Claims.

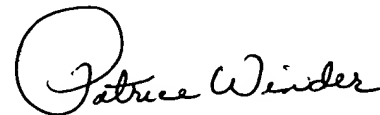
Reason for allowance

4. The following is an examiner's statement of reasons for allowance: the prior art of record does not teach or suggest, individually or in combination, the limitation of storing a browser's original Internet connection settings, and interfacing a personal proxy program with at least two different types of handlers including a broadcast media handler and an Internet handler in lights of other features described in the independent claims 1, 7 and 13.
5. Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

Art Unit: 2155

6. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Liang-che Alex Wang whose telephone number is (703) 305-8159. The examiner can normally be reached on Monday thru Friday, 8:30 am to 5:00 pm.
7. If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Hosain T Alam can be reached on (703)308-6662. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.
8. Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free)..

Liang-che Alex Wang *lw*
June 23, 2004



**PATRICE WINDER
PRIMARY EXAMINER**

B

Listing of Claims:

1. (currently amended) A method for handling browser requests for more than one data service with a personal proxy program, said method comprising:
- accessing a browser's original Internet connection settings;
 - storing said browser's original Internet connection settings;
 - updating the Internet connection settings of said browser to access said personal proxy program;
 - interfacing said personal proxy program with at least two different types of handlers including a broadcast media handler and an Internet handler;
 - accepting in said personal proxy program a request from said Internet browser;
 - selecting one of the handlers to handle said request;
 - directing said request to said handler; and
 - receiving multimedia content from said handler for display in said browser.
2. (previously presented) The method of claim 1 wherein directing said request to said handler comprises directing said request to the Internet using said stored Internet connection settings if said Internet should handle said request.
3. (previously presented) The method of claim 1 wherein directing said request to said handler comprises directing said request to a second program running on a computer system that is running said personal proxy program.

Art Unit: 2155

4. (original) The method of claim 3 wherein said second program comprises a local cache server if said local cache server should handle said request.

5. (previously presented) The method of claim 1 wherein directing said request to said handler comprises directing said request to a broadcast media receiver.

B1
6. (previously presented) The method of claim 1 wherein said multimedia content is one of a terrestrial radio broadcast, a satellite television broadcast, and a cable television broadcast.

7. (currently amended) An apparatus for browsing data from more than one data service, comprising:

a browser program for browsing accessible data resources using data resource requests;

a first request handler for handling data resource requests;

a second request handler for handling broadcast media requests;

a personal proxy program, said personal proxy program accessing a browser's original Internet connection settings, storing said browser's original Internet connection settings, updating the Internet connection settings of said browser to access said personal proxy program, accepting a request from said Internet browser, selecting one of said request handlers to handle said request, and directing said request to a selected request handler.

Art Unit: 2155

8. (original) The apparatus of claim 7 wherein said first request handler comprises the Internet.

9. (original) The apparatus of claim 7 wherein said first request handler comprises directing said request to a second program running on a computer system that is running said personal proxy program.

B 10. (original) The apparatus of claim 7 wherein said first request handler comprises a local cache server.

11. (previously presented) The apparatus of claim 7 wherein said second request handler comprises a broadcast media receiver.

12. (previously presented) The apparatus of claim 11 wherein said broadcast media receiver is to receive one of a terrestrial radio broadcast, a satellite television broadcast, and a cable television broadcast.

Art Unit: 2155

13. (previously presented) A method for handling browser requests from a browser program for more than one data service with a personal proxy program, said method comprising:

accessing an original browser autoconfig file used by said browser program;

creating a modified autoconfig file from said original browser autoconfig file;

instructing said browser program to access said modified autoconfig file;

interfacing said personal proxy program with at least two different handlers

B¹ including a broadcast media handler and an Internet handler;

accepting in said personal proxy program a request from said browser program;

selecting a handler to handle said request; and,

directing said request to said handler.

14. (original) The method of claim 13 wherein directing said modified autoconfig file directs requests to said personal proxy program.
